

PATENT ABSTRACTS OF JAPAN

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(54) METHOD AND DEVICE FOR WAREHOUSING/SHIPPING FOR PHYSICAL
DISTRIBUTION SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To shorten the carrying cycle time of an entire physical distribution system by shortening time necessary from a warehousing/shipping request made to a management computer to the completion of its work without increasing the carrying speed of a carrier.

SOLUTION: A warehousing conveyor 3 and a load receiving conveyor 4 are connected to the warehousing/shipping section of an automatic warehouse 2 provided with a stacker crane 8 for carrying in/out loads for a number of housing parts 7a. The load receiving conveyor 4 and a shipping conveyor 6 are connected to each other by a truck 5 having a track. The stacker crane 8, the truck 5 having a track and the conveyors 3, 4 and 6 are controlled based on commands from controllers 16, 19, 17, 18 and 20. Upon receiving a warehousing/shipping command, an inventory control computer 22 transmits command data to each controller irrespective of the situation of the stacker crane 8 or the like, and each controller drives and controls the corresponding stacker crane 8 or the like based on the command data.

